

USE : Recommendations for customers' wiring to avoid excessive voltage drop.

STANDARD ORIGINATED 03-94	PREVIOUS STANDARD REVISION 03-17-94	PREVIOUS STANDARD NUMBERS ER 1-900 (08-01-89)
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REVISION SUMMARY: Convert to current format.

SPECIFICATIONS:

1. GENERAL:

NIPSCO's responsibility for voltage terminates at the service entrance switch. Satisfactory voltage cannot be furnished if customer load exceeds rated capacity of the switch.

2. LIGHTING WIRING:

In the interest of good service, wiring for lighting in all buildings should be of such size that voltage drop from the main service switch to the most distant lamp, under maximum loading conditions, should not exceed two percent (2%) of the service voltage.

3. POWER WIRING

In the interest of good service, it is strongly recommended that customer wiring be designed and installed such that voltage drop from the service switch to the most distant motor should not exceed four percent (4%) with full load on devices connected to that service.